

Latitude: 40°10'00" SURFACE HOLE 8,283'

BOTTOM HOLE 648'

JACKSON SURVEYING

INC.

2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851

Latitude: 40°10'00"

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 12°28'19" E	1095.56'	SHL TO LANDMARK	FD. 5/8" REBAR
L2	N 57°18'58" E	1461.73	SHL TO LANDMARK	36" BLACK CHERRY
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 79°50'09" W	1328.38'	1771.10'	SHL TO LP

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,633.700 EASTING: 532,973.700
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,666.630 EASTING: 532,589.810
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,445,610.220 EASTING: 531,737.400

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,633.777 EASTING: 532,973.759
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,705.230 EASTING: 532,575.222
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,445,610.126 EASTING: 531,737.462

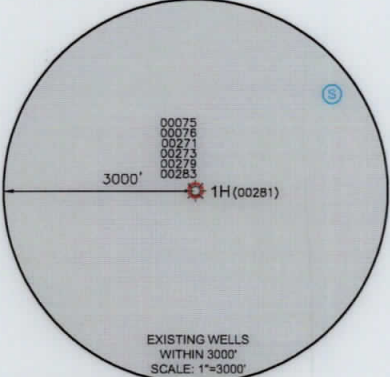
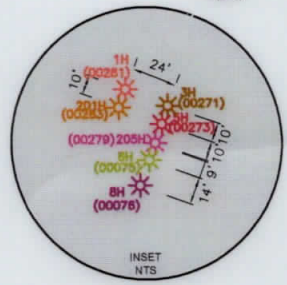
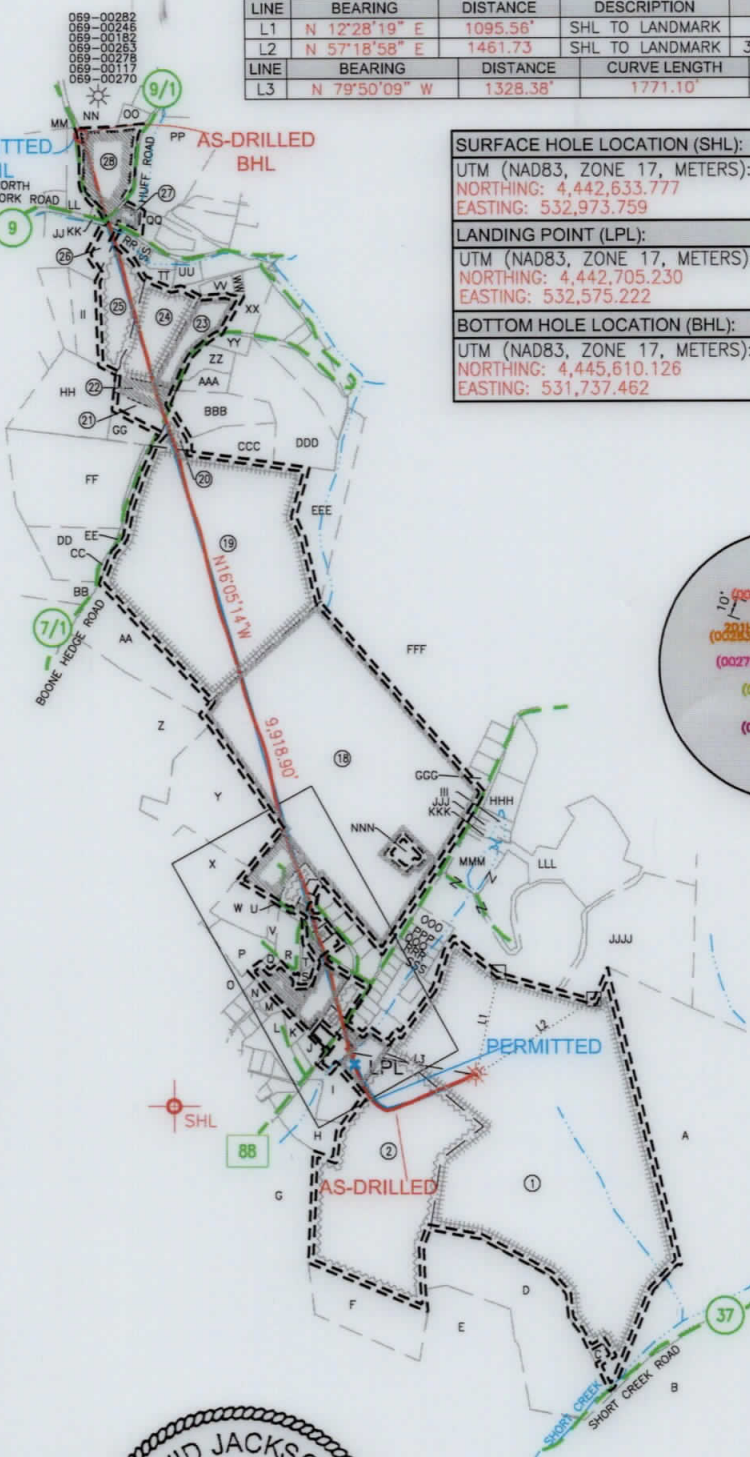


BOTTOM HOLE 2,338'

SURFACE HOLE 12,124'

Longitude: 80°37'30"

Longitude: 80°35'00"



WELL RESTRICTIONS

- NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
- NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

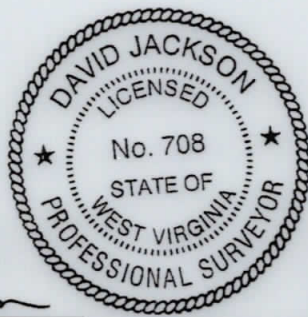
NOTES ON SURVEY

- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 708

David L Jackson



COMPANY: **SWN** Production Company, LLC

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

DALLAS HALL OHI
OPERATOR'S WELL #: 1H
API WELL #: 47 069 00281
STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW
 WATERSHED: SHORT RUN-OHIO RIVER (HUC-10) ELEVATION: 1274.2'
 DISTRICT: LIBERTY COUNTY: OHIO QUADRANGLE: BETHANY, WV
 SURFACE OWNER: AGNES L. HALL ACREAGE: ±162.58
 OIL & GAS ROYALTY OWNER: AGNES L. HALL ACREAGE: ±162.58
 DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
 CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) ASDRILLED
 TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,125 TVD 16,649 TMD



WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY
 ADDRESS: 1300 FORT PIERPONT RD. SUITE 200 ADDRESS: 1300 FORT PIERPONT RD. SUITE 200
 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND:	— SURVEYED BOUNDARY	REVISIONS:	DATE: 07-09-2019
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— DRILLING UNIT		
⊙ EXISTING / PRODUCING WELLHEAD	— LEASE BOUNDARY		
LPL * LANDING POINT LOCATION	— ASDRILLED PATH		
⊙ EXISTING WATER WELL	— PROPOSED PATH		
⊙ EXISTING SPRING			

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REVISIONS:	COMPANY:		 		
	OPERATOR'S	DALLAS HALL OHI		API NUMBER:	DATE: 07-09-2019
	WELL #:	1H		47-069-00281	DRAWN BY: N. MANO
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A	
LIBERTY	OHIO	WV	DRAWING NO:		
					WELL LOCATION PLAT 2


**JACKSON SURVEYING
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WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	AGNUS J. HALL (S/R)	03-L7-19
TRACT	SURFACE OWNER	TAX PARCEL
2	AGNUS J. HALL (S)	03-L7-21.1
3	JOHN R. PYLE, SR. T.A. PYLE (S)	04-R12B-1.1
4	DOUGLAS J. ERNEST & JAMIE S. ERNEST (S)	04-R12B-1.2
5	JOHN R. PYLE, SR. T.A. PYLE (S)	04-R12B-05
6	BRADLEY WEEKS & NANCY WEEKS (S)	04-R9-34.1
7	LAUREL HOMEOWNERS ASSN. (S)	04-R9-33
8	DONALD P. HUGHES & M.E. HUGHES (S)	04-R9-34
9	DONALD P. HUGHES & M.E. HUGHES (S)	04-R9-32
10	ROBERT P.W. KANTERS & M.J.E. KANTERS (S)	04-R9-36
11	DENNIS MADAMA (S)	04-R9-37
12	EDDIE L. BLAKE & JAMIE R. BLAKE (S)	04-R9-38
13	BRIAN A. BLEIFUS & MARY ANN BLEIFUS (S)	04-R9-39
14	RAY J. CHENOMETH & J.A. CHENOMETH (S)	04-R9-40
15	GARY S. LATOS & C.M. LATOS (S)	04-R9-41
16	CLARK PAJAK & SHARON L. PAJAK (S)	04-R9-32.1
17	CLARK PAJAK & SHARON L. PAJAK (S)	04-R9-28
18	LILLIAN W. BROWN TRUST (S)	03-L4-1.1
19	CLAIRE M. CAVENEY (S)	04-R9-03
20	MARK J. SWINGER & DAWN S. SWINGER (S)	04-R9-22.14
21	CHARLES R. KELLAM & PHYLLIS J. KELLAM (S)	04-R9-22.12
22	CHARLES R. KELLAM & PHYLLIS J. KELLAM (S)	04-R9-22.11
23	RODNEY W. HALEY & RHONDA L. HALEY (S)	04-R9-22.8
24	JAMES L. WEST, SR. & KATHY L. WEST (S)	04-R9-22.7
25	DAVID L. DELVECCHIO (S)	04-R9-22.6
26	TERRY LEE CRUPE (S)	04-R6-21
27	RICHARD LEE CRABTREE (S)	04-R6-24
28	RICHARD A. WOOD, JR (S)	04-R6-24.6

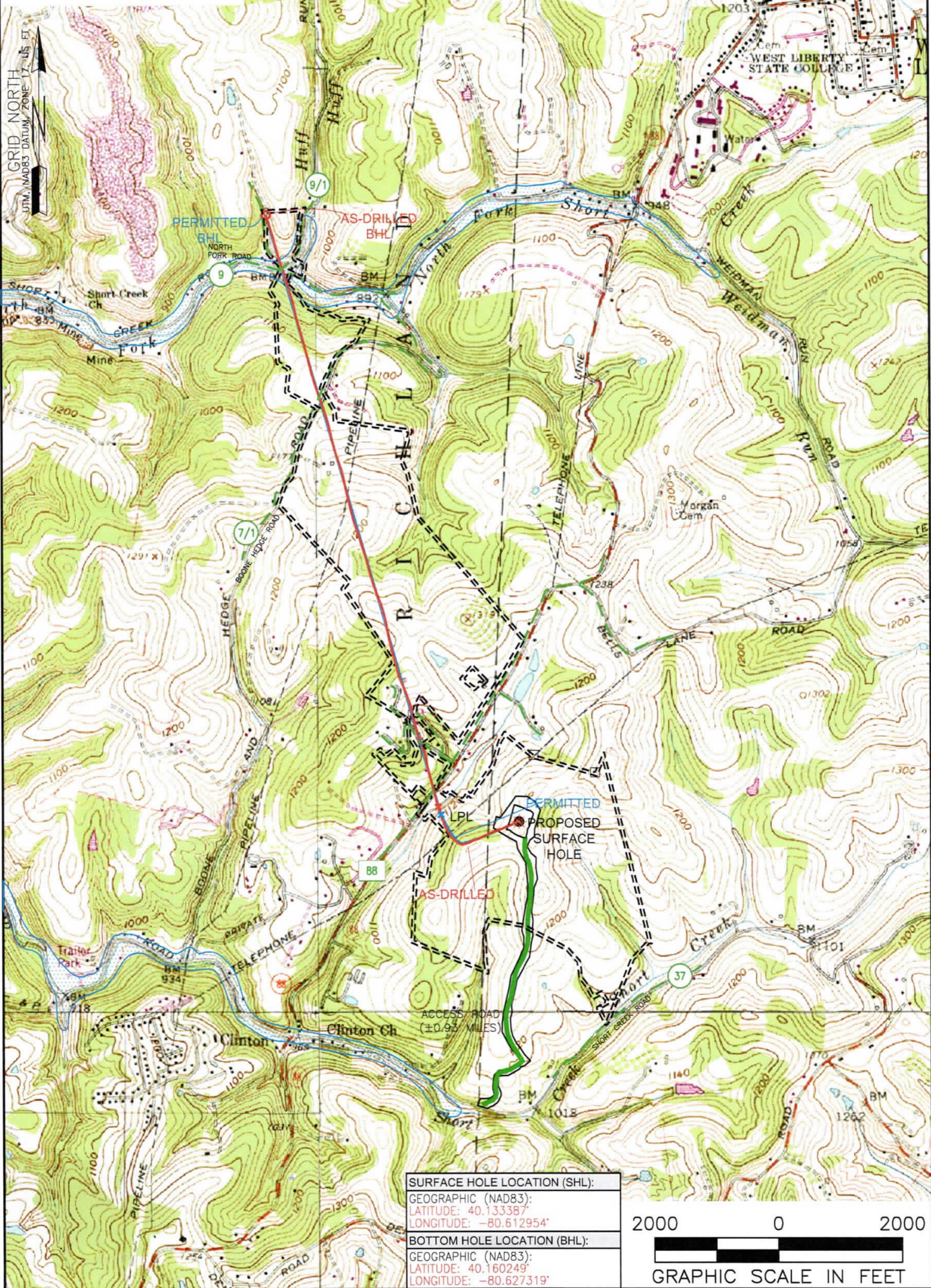
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	MARY HELEN CLUSER, TRUSTEE	03-L7-02
B	WHITAKER REVOCABLE FAMILY TRUST	03-L7-27
C	AGNES L. HALL	03-L7-01
D	AGNES L. HALL	03-L7-20
E	AGNES L. HALL	03-L7-21
F	MELISSA MEALY & JENNA FAUBER	04-R12-39
G	JOHN P. WETTY	04-R12-35
H	DAVID N. CASTLE & RITE A. CASTLE	04-R12B-1.3
I	KEITH D. CASTLE & AMANDA M. CASTLE	04-R12B-1.9
J	JOSEPH S. CARTISANO & S.P. CARTISANO	04-R12B-36.4
K	MARY J.G. BURKHART & M.J. BURKHART	04-R12-36.3
L	JAMES E. CROFT & J.J. CROFT	04-R12-36
M	JAMES CROFT & JOANNE CROFT	04-R12B-10
N	WILLIAM J. GREATHOUSE & SUSAN M. GREATHOUSE	04-R12B-10.7
O	BRADFORD HARTLEY & NANNETTA HARTLEY	04-R9-1.3
P	MARY ANN HART	04-R9-29.1
Q	DANNA M. FUNKHOUSE	04-R9-32.3
R	JOSEPH WAYNE BENLINE	04-R9-31
S	KATHY SUE HUGHES SCHILLING	04-R9-32.4
T	VICKI H. HUFFMAN & D.L. HUFFMAN	04-R9-32.2
U	CLARK PAJAK & SHARON L. PAJAK	04-R9-28.1
V	THE BANK OF NY MELLON CORP.	04-R9-30
W	JUDY K. JOHNSON	04-R9-29
X	RCK 2 GROUP, LLC	04-R9-01
Y	RCK 2 GROUP, LLC	04-R9-27
Z	LA DONNA MARTIN EVANS	04-R9-3.5
AA	WESBANCO TRUST & INVESTMENT SERVICE	04-R9-16.1
BB	JORDAN WEBER & GAYLE WEBER	04-R9-09
CC	CLAIRE M. CAVENEY	04-R9-10.2
DD	DAVID B. MAIN & L.M. MAIN	04-R9-10
EE	DAVID B. MAIN & LISA M. MAIN	04-R9-3.6
FF	DAVID B. MAIN & L.M. MAIN	04-R9-10.1
GG	CHARLES R. KELLAM & PHYLLIS J. KELLAM	04-R9-22.13
HH	CHARLES R. KELLAM & PHYLLIS J. KELLAM	04-R9-22.10
II	JASON D. MILTON	04-R9-22.5
JJ	TERRY LEE CRUPE	04-R6-20.1
KK	GWENDOLYN GODDARD	04-R6-24.5
LL	EDITH M. WOOD	04-R6-22
MM	SHORT CREEK COAL CO.	04-R6-17
NN	SHORT CREEK COAL CO.	04-R6-17.4
OO	WINDSOR COAL COMPANY	04-R6-25
PP	WINDELL H. GOFF II & GLADYS GOFF	04-R6-24.3
QQ	LESLIE A. HUNT	04-R6-29
RR	JOHN D. CRUPE & J.D. CRUPE	04-R6-38

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
SS	ROBERT W. OCHSENBEIN	04-R6-39.3
TT	BRANDON C. GALLOWAY & CYNTHIA A. GALLOWAY	04-R6-39.2
UU	BRANDON C. GALLOWAY & CYNTHIA A. GALLOWAY	04-R6-39.1
VV	JOSHUA M. KLAPKA	04-R9-19
WW	VELMA L. TAGGART	04-R9-18
XX	LARRY BOYNES & TERRY BOYNES	04-R9-22.9
YY	JEFFREY C. TAYLOR & G.K. TAYLOR	04-R9-20
ZZ	JEFFREY C. TAYLOR & GINGER K. TAYLOR	04-R9-22.18
AAA	JOHN C. RATCLIFFE & KATHY J. RATCLIFFE	04-R9-22.17
BBB	GEORGE E. WOOD & CAROL A. WOOD	04-R9-22.16
CCC	MARK J. SWINGER & DAWN S. SWINGER	04-R9-22.15
DDD	JOHN C. RATCLIFFE	04-R9-22.20
EEE	PAUL M. MCKAY & DEBORAH A. MCKAY	04-R9-51
FFF	PAUL M. MCKAY & DEBORAH A. MCKAY	03-L4-01
GGG	REBECCA L. BLAKE	03-L4-1.7
HHH	PAUL M. MCKAY & DEBORAH A. MCKAY	03-L4-10.1
III	PAUL M. MCKAY & DEBORAH A. MCKAY	03-L4-10
JJJ	JAMES F. ROSE & ANN C. ROSE	03-L4-12
KKK	JAMES F. ROSE & ANN C. ROSE	03-L4-14
LLL	DAVID M. WEAVER & BETH R. WEAVER	03-L4-13
MMM	DAVID M. WEAVER & BETH R. WEAVER	03-L4-15
NNN	ROBERT E. BROWN	03-L4-1.3
OOO	YE M. HLA & EI E. MYINT	03-L4-20
PPP	DAVID G. RUTHERS & LINDA F. RUTHERS	03-L4-22
QQQ	GEORGE STROMATOS	03-L4-24.2
RRR	GEORGE STROMATOS	03-L4-24.1
SSS	GEORGE STROMATOS	03-L4-24
TTT	ERIC N. BLEND	03-R12B-02
UUU	JAMES W. FRIO & KAREN L. FRIO	04-R9-47
VVV	S.A. WARREN & W.S. WARREN	04-R9-46
WWW	DAVID W. SONNEFELD & TERRI A. SONNEFELD	04-R9-45
XXX	DAVID W. SONNEFELD & TERRI A. SONNEFELD	04-R9-44
YYY	TYLER P. BECK	04-R9-43
ZZZ	MARK E. PISSOS & J.L. PISSOS	04-R9-42
AAAA	JOHN WAYNE WILLIAMS	04-R9-35
BBBB	DAVID L. TAYLOR & ESTELLA ANN TAYLOR	04-R12B-1.7
CCCC	DAVID L. TAYLOR & ESTELLA ANN TAYLOR	04-R12B-04
DDDD	MARK A. KOZUSNIK	04-R12B-1.8
EEEE	MARY ANN HASTINGS	04-R12B-1.4
FFFF	WILLIAM R. JARVIS & SANDRA K. JARVIS	04-R12B-06
GGGG	BERNARD R. PETTIT	04-R12B-48
HHHH	STEVE KELLAS	04-R12B-1.5
IIII	MATHEW H. GOSSETT	04-R12B-01
JJJJ	CATHERINE EVANS & DAVID EVANS	03-L4-13.1

REVISIONS:	COMPANY:		
		Production Company, LLC	
	OPERATOR'S	DALLAS HALL OHI	API NUMBER:
	WELL #:	1H	47-088-00261
	DISTRICT:	LIBERTY	COUNTRY:
		OHIO	STATE:
			WV
			DATE: 07-09-2019
			BY: [Signature]
			DATE: [Signature]
			DATE: [Signature]

**JACKSON SURVEYING
INC.**

2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.133387
LONGITUDE: -80.612954

BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.160249
LONGITUDE: -80.627319



NOTES ON SURVEY

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ☼ EXISTING / PRODUCING WELLHEAD
- LPL ✕ LANDING POINT LOCATION
- ⬜ FLOOD PLAIN
- ACCESS ROAD
- - - PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- == LEASE BOUNDARY
- PROPOSED PATH
- ASDRILLED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC		WELL (FARM) NAME: DALLAS HALL OHI		WELL # 1H	SERIAL #
ADDRESS: 1300 FORT PIERPONT RD, SUITE 200 MORGANTOWN, WV 26508		COUNTY OHIO	CODE 069	DISTRICT; LIBERTY	
SURFACE OWNER: AGNES L. HALL		USGS 7 1/2 QUADRANGLE MAP NAME BETHANY, WV		API # 047-069-00281	